This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

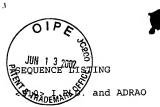
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.



<120> Means for identifying the locus of a major resistance gene with respect to the virus of the rice yellow mottle virus and uses thereof $^{"}_{\epsilon}$.

```
<130> 59783-1421
```

<140>

<141>

<150> 9907831

<151> 1999-06-21

<160> 12

<170> PatentIn Ver. 2.1

<210> 1

<211> 16

<212> DNA

<213> Artificial sequence

<220>

<223> Description of Artificial sequence: EcoRI adapter

<400> 1

gactgcgtac caattc

16

<210> 2

<211> 16

<212> DNA

<213> Artificial sequence

-2205

<223> Description of Artificial sequence: MseI adapter

<400> 2

gatgagtcct gagtaa

16

<210> 3

<211> 472

<212> DNA

<213> Artificial sequence

<220>

<223> Description of Artificial sequence: M1 marker match

<400> 3

cgtgcttgct tatagcacta caggagaagg aaggggaaca caacagccat ggcgagcgaa 60 ggttcaacgt cggagaaaca ggctgcgacg ggcagcaagg tgccggcggc ggatcggagg 120 aaggaaaacgg aggaaatcga agttatgctg gaggggcttg acctaagggc agatgaggag 180 gaggatgtgg aattggagga agatctagag gagcttgagg cagatgcaag atggctagcc 240

ctagccacag ttcatacgaa gcgatcgttt agtcaagggg ctttctttgg gagtatgcgc 300 tcagcatgga actgcgcgaa agaagtagat ttcagagcaa tgaaagacaa tctgttctcg 360 atccaattca attgtttggg ggattgggaa cgagttatga atgaaggtcc atggaccttt 420 cgaggatgtt cggtgctcct cgcagaatat gatggctggt ccaagattga at 472

<210> 4

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Description of Artificial sequence:primer complementary to M1 marker match

<400> 4

aggaaggga acacaacagc c

21

<210> 5

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Description of Artificial sequence:primer complementary to M1 marker match

<400> 5

ttatgctgga ggggcttgac c

21

<210> 6

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Description of Artificial sequence:primer complementary to M1 marker match

<400> 6

gcagttccat gctgagcgca t

21

<210> 7

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Description of Artificial sequence:primer complementary to M1 marker match

<400> 7

ccgaacatcc tcgaaaggtc c

21

<210> 8

<211> 21

<212> DNA

```
<213> Artificial sequence
<223> Description of Artificial sequence:primer complementary to M1 marker match
<400> 8
                                                                     21
tcatattctg cgaggagcac c
<210> 9
<211> 121
<212> DNA
<213> Artificial sequence
<220>
<223> Description of Artificial sequence:fragment identified as marker M2
<400> 9
aattcacccc atgccctaag ttaggacgtt ctcagcttag tggtgtggta gctttttcta 60
ttttcctaag cacccattga agtattttgc attggaggtg gccttaggtt tgcctctgtt 120
<210> 10
<211> 20
<212> DNA
<213> Artificial sequence
<223> Description of Artificial sequence:primer complementary to M2 marker match
<400> 10
                                                                     20
aacctaaggc cacctccaat
<210> 11
<211> 19
<212> DNA
<213> Artificial sequence
<220>
<223> Description of Artificial sequence:primer complementary to \overline{\text{M2}} marker match
<400> 11
                                                                     19
gcaaacctaa ggccacctc
<210> 12
<211> 19
<212> DNA
<213> Artificial sequence
<223> Description of Artificial sequence:primer complementary to M2 marker match
<400> 12
                                                                     19
attcacccca tgccctaag
```

.